

ABSTRACT

A hierarchical dictionary creating apparatus includes an operation file editing unit that edits a logic operation
5 file by adding a new class using an inter-class logic operation, the logic operation file in which the inter-class logic operation is described, the inter-class logic operation being employed in a hierarchical dictionary having inheritance of a property from an upper class to a
10 lower class; an operation file storing unit that stores the logic operation file edited by the operation file editing unit; an operation file determining unit that determines a property to be introduced from an existing class to the new class in the logic operation file stored in the operation
15 file storing unit; a dictionary file outputting unit that outputs the property to be introduced from the existing class to the new class into a hierarchical dictionary file, the property being determined by the operation file determining unit; and a dictionary file storing unit that
20 stores the hierarchical dictionary file.